PI 535772-continued

**donor id:** NP 28. **origin:** United States. **pedigree:** Composite using some ms3 females of 90 low-dhurrin highly self-pollinated sudangrass lines from low-dhurrin 'Piper' and Wisconsin breeding selections and sudangrass B-lines. **other id:** GP-236. **group:** CSR-SORGHUM. **remarks:** Germplasm source of low-dhurrin lines. Mean height at maturity 199cm. Plant color tan. Leaf midribs white (one line with green). Days to anthesis 59. Glums mostly straw colored. Caryopsis brown. Hydrocyanic acid potential (HCN-p) mean 163.4 mg per kg fresh weight. Homozygosity will permit large numbers of true breeding lines from one generation of selfing. Requires special regeneration handling. Annual. Breeding Material. Seed.

PI 535773. Sorghum bicolor (L.) Moench POACEAE Sudangrass

**Donated by:** Haskins, F.A., Department of Agronomy, University of Nebraska, Lincoln, Nebraska, United States; **and** Gorz, H.J., USDA-ARS, Department of Agronomy, University of Nebraska, Lincoln, Nebraska, United States; **and** Vogel, K.P., USDA-ARS, Department of Agronomy, University of Nebraska, Lincoln, Nebraska, United States. **remarks:** Developed cooperatively by USDA-ARS and the Nebraska Agricultural Research Division and released April, 1989. Received September 15, 1989.

**donor id:** NP29. **origin:** United States. **pedigree:** Low-dhurrin random mating sudangrass population harvested from ms3 plants in recurrent selection with populations tolerant to spring seeding. **other id:** GP-237. **group:** CSR-SORGHUM. **remarks:** Germplasm with diverse sources of low-dhurrin, improved tolerance to early spring seeding, using ms3 gene for male-sterility. Plant height average at maturity 235cm. Plants purple or tan with white or green midribs in equal numbers. Glumes black, mahogany or sienna color. Caryopsis brown. Hydrocyanic acid potential (HCN-p) means 202mg per kg fresh weight for fertile bulk, 274mg for male-sterile bulk. Annual. Breeding Material. Seed.

PI 535774. Sorghum bicolor (L.) Moench POACEAE Sudangrass

**Donated by:** Gorz, H.J., USDA-ARS, Department of Agronomy, University of Nebraska, Lincoln, Nebraska, United States; **and** Haskins, F.A., Department of Agronomy, University of Nebraska, Lincoln, Nebraska, United States; **and** Vogel, K.P., USDA-ARS, Department of Agronomy, University of Nebraska, Lincoln, Nebraska, United States. **remarks:** Developed cooperatively by USDA-ARS and the Nebraska Agricultural Research Division and released April, 1989. Received September 15, 1989.